

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY093021\
 Data File : VY006246.D
 Acq On : 30 Sep 2021 17:38
 Operator : SY/MD
 Sample : M3998-04
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 01 06:28:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

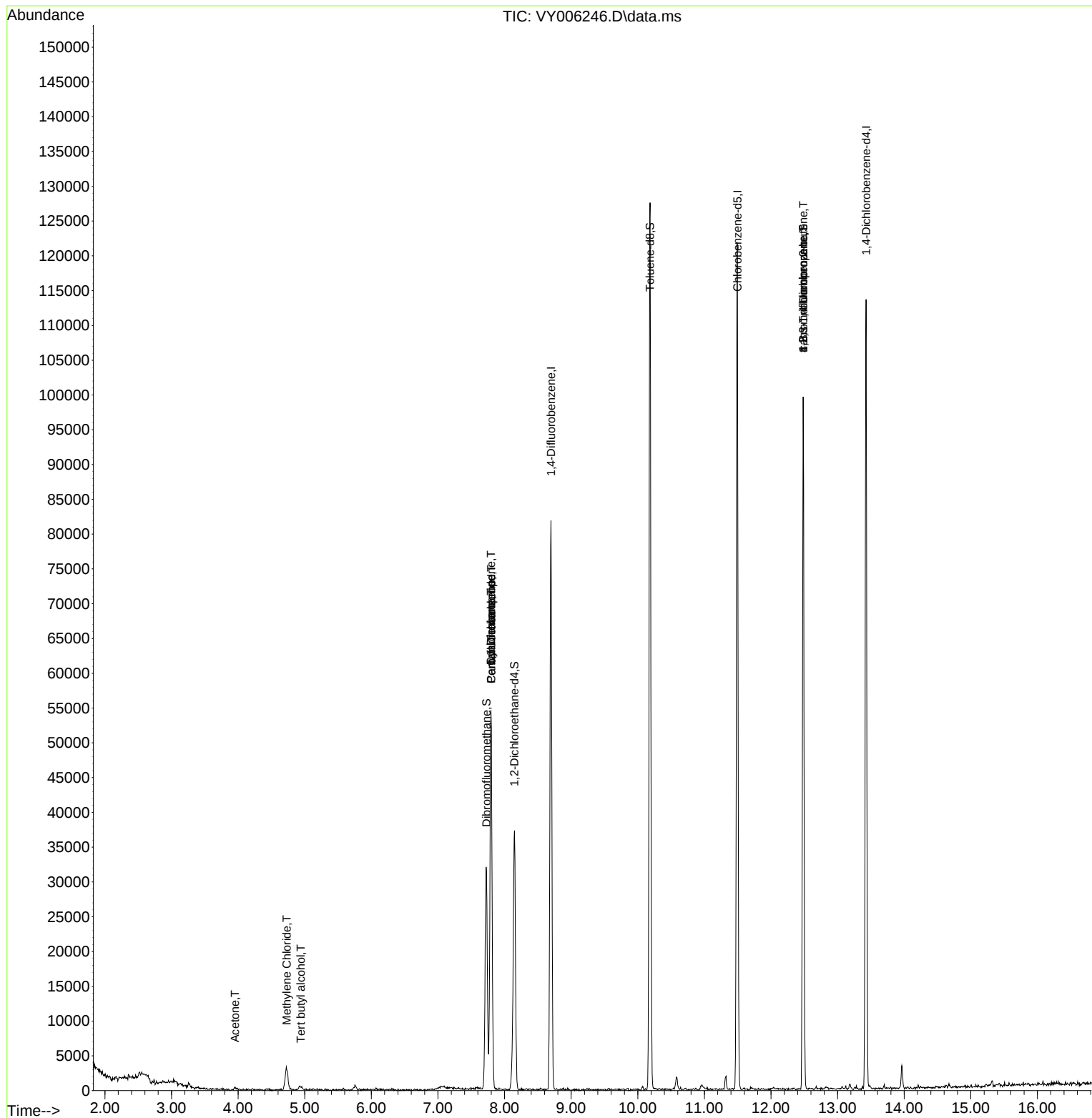
Internal Standards						
1) Pentafluorobenzene	7.801	168	41966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	67464	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	65069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	29872	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	30354	67.580	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.160%	
35) Dibromofluoromethane	7.728	113	20918	58.036	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.080%	
50) Toluene-d8	10.185	98	84686	56.140	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.280%	
62) 4-Bromofluorobenzene	12.483	95	26295	51.312	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.620%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	469	11.937	ug/l #	77
16) Acetone	3.954	43	697	5.556	ug/l	93
20) Methylene Chloride	4.729	84	2161	1.355	ug/l	86
31) Cyclohexane	7.795	56	904	1.062	ug/l #	42
36) 1,1-Dichloropropene	7.795	75	3426	5.104	ug/l #	52
38) Carbon Tetrachloride	7.801	117	4020	5.672	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	14870	51.216	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	14870	100.646	ug/l #	7

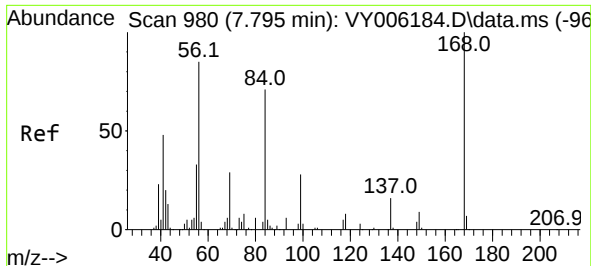
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 28 17:44:36 2021
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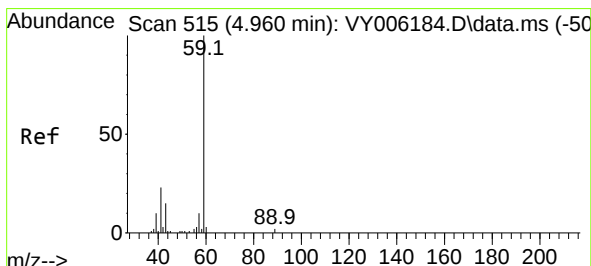
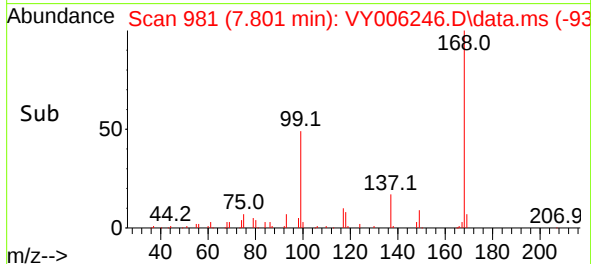
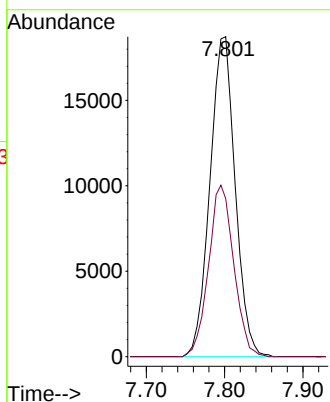
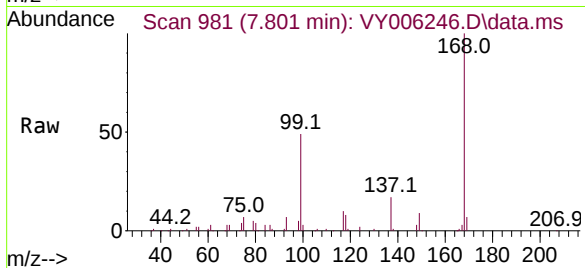




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006246.D
Acq: 30 Sep 2021 17:38

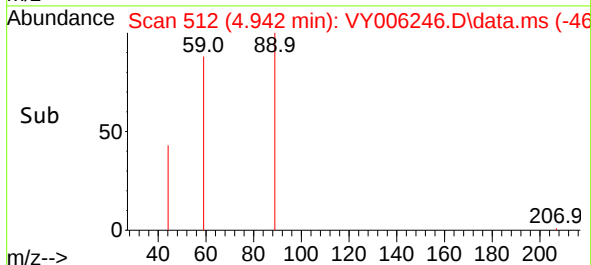
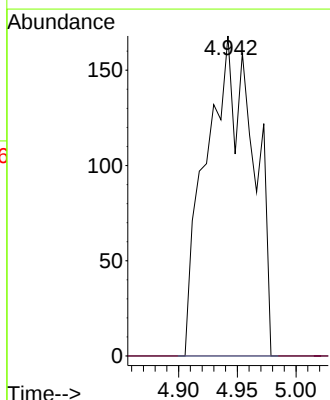
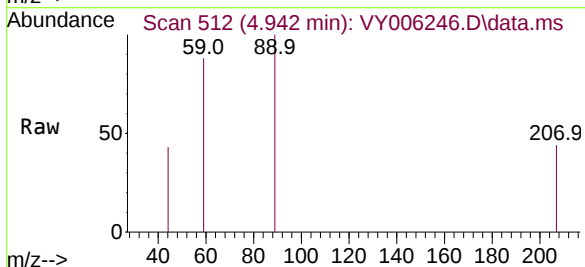
Instrument :
MSVOA_Y
ClientSampled :

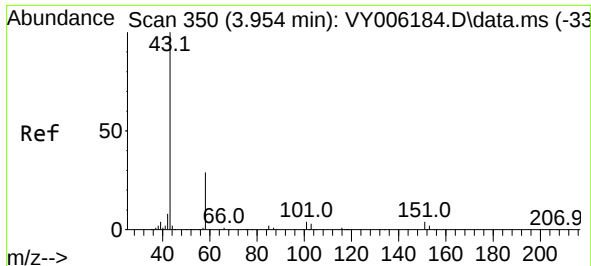
Tgt Ion:168 Resp: 41966
Ion Ratio Lower Upper
168 100
99 49.4 46.9 70.3



#11
Tert butyl alcohol
Concen: 11.937 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.018 min
Lab File: VY006246.D
Acq: 30 Sep 2021 17:38

Tgt Ion: 59 Resp: 469
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

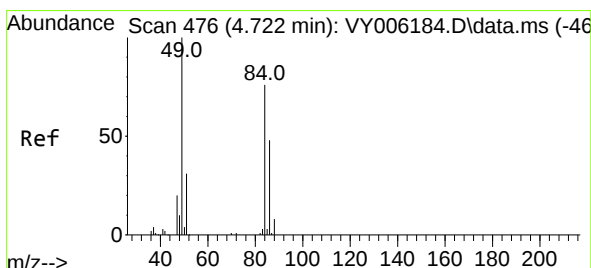
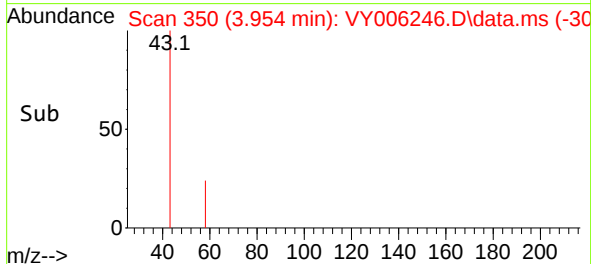
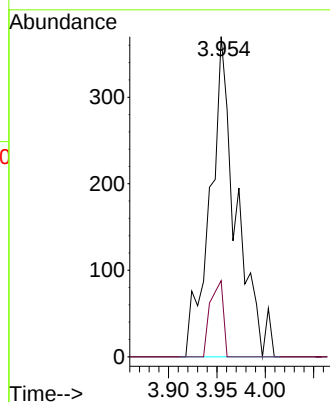
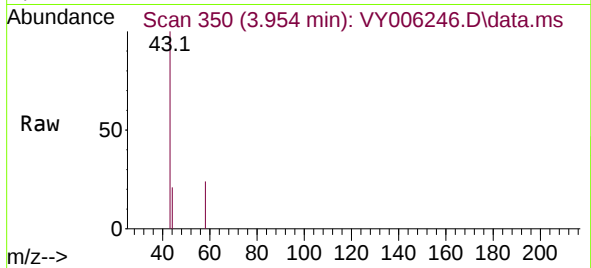




#16
Acetone
Concen: 5.556 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006246.D
Acq: 30 Sep 2021 17:38

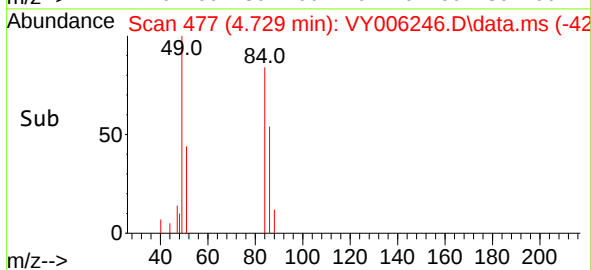
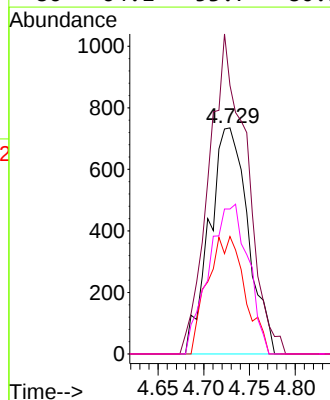
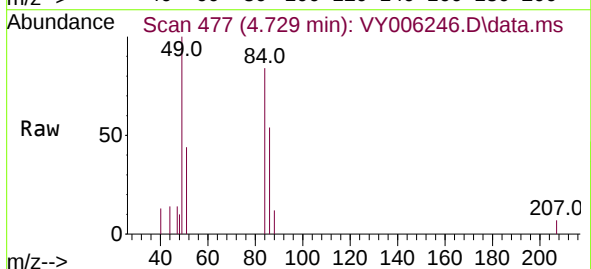
Instrument :
MSVOA_Y
ClientSampled :

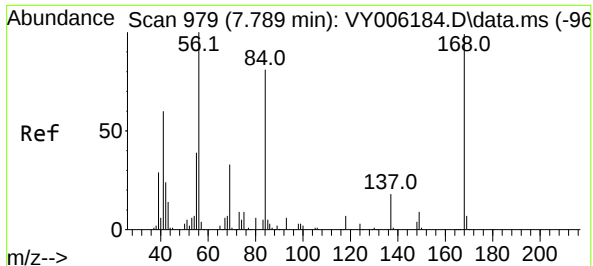
Tgt Ion: 43 Resp: 697
Ion Ratio Lower Upper
43 100
58 23.8 22.0 33.0



#20
Methylene Chloride
Concen: 1.355 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY006246.D
Acq: 30 Sep 2021 17:38

Tgt Ion: 84 Resp: 2161
Ion Ratio Lower Upper
84 100
49 118.8 114.4 171.6
51 52.0 35.3 52.9
86 64.1 53.7 80.5

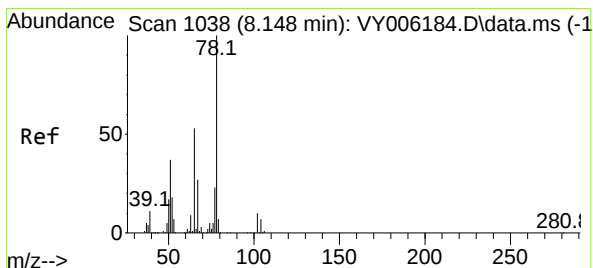
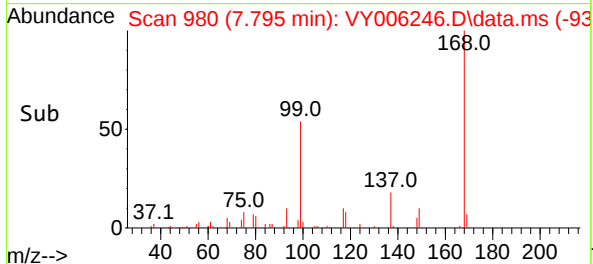
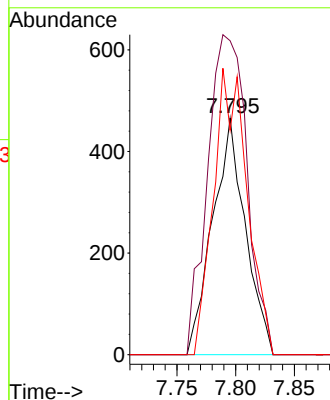
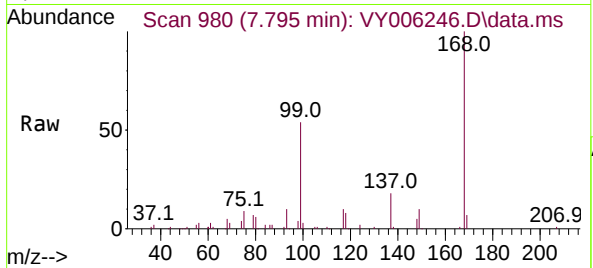




#31
Cyclohexane
Concen: 1.062 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006246.D
Acq: 30 Sep 2021 17:38

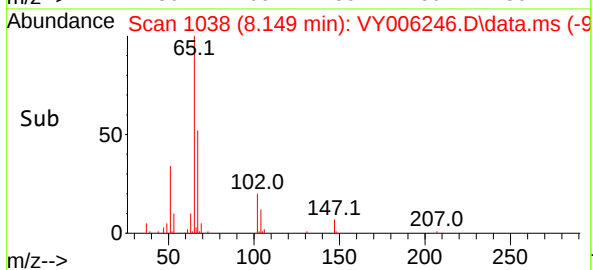
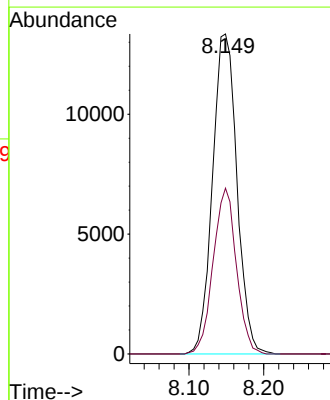
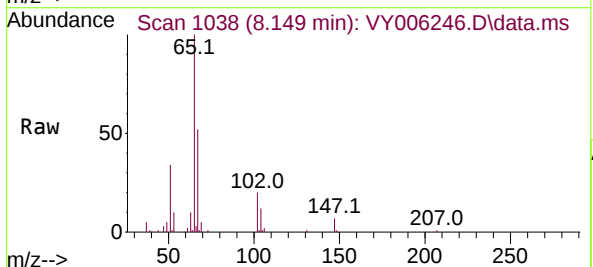
Instrument :
MSVOA_Y
ClientSampled :

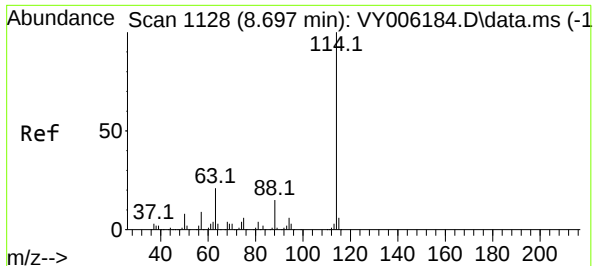
Tgt Ion: 56 Resp: 904
Ion Ratio Lower Upper
56 100
69 132.6 26.7 40.1#
84 94.8 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 67.580 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006246.D
Acq: 30 Sep 2021 17:38

Tgt Ion: 65 Resp: 30354
Ion Ratio Lower Upper
65 100
67 49.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

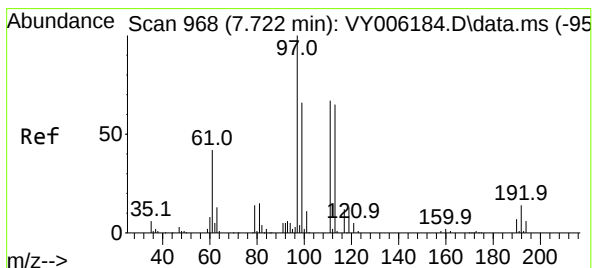
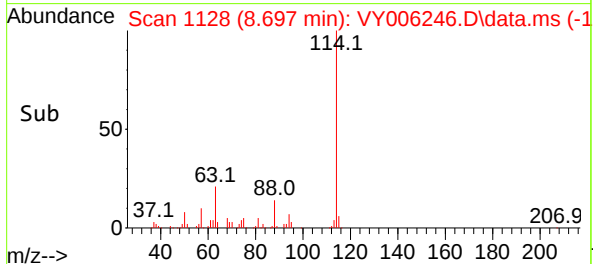
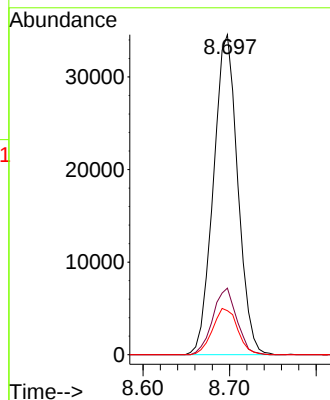
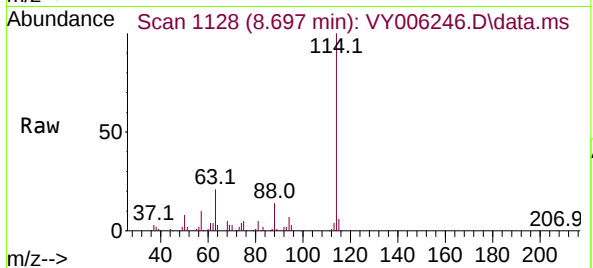
Delta R.T. 0.000 min

Lab File: VY006246.D

Acq: 30 Sep 2021 17:38

Tgt Ion:	114	Resp:	67464
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	43.2
88	13.7	0.0	31.8

Instrument :
MSVOA_Y
ClientSampled :



#35

Dibromofluoromethane

Concen: 58.036 ug/l

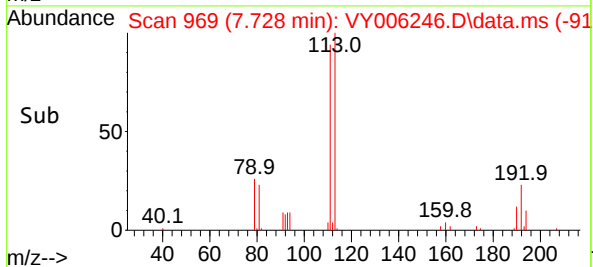
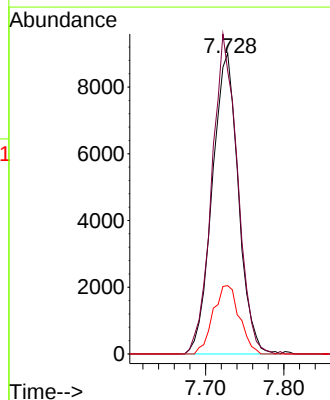
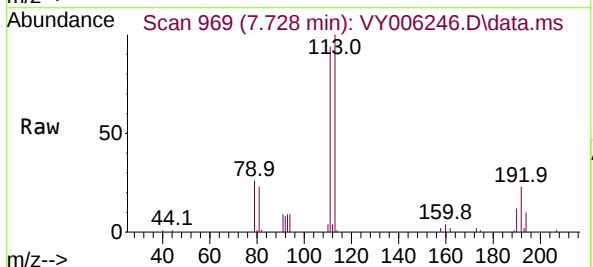
RT: 7.728 min Scan# 969

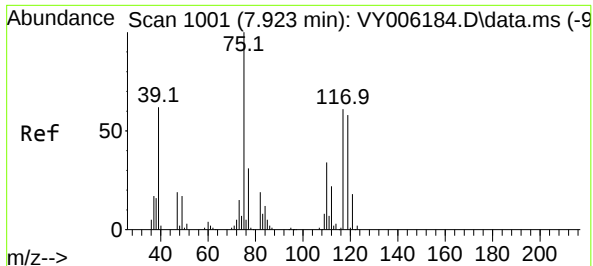
Delta R.T. 0.006 min

Lab File: VY006246.D

Acq: 30 Sep 2021 17:38

Tgt Ion:	113	Resp:	20918
Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.6	124.0
192	22.8	17.6	26.4





#36

1,1-Dichloropropene

Concen: 5.104 ug/l

RT: 7.795 min Scan# 980

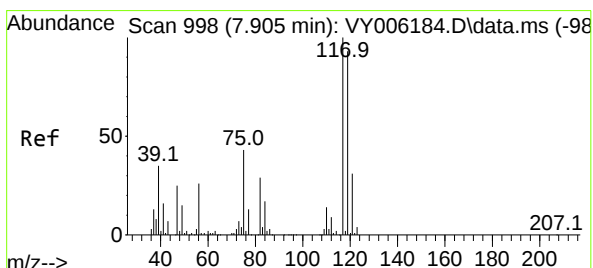
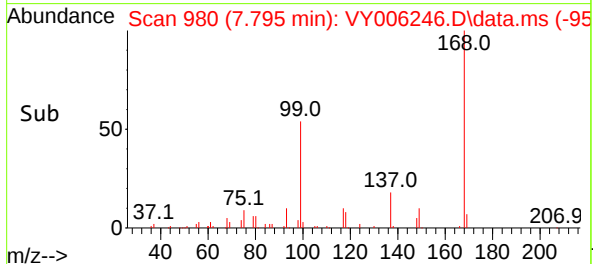
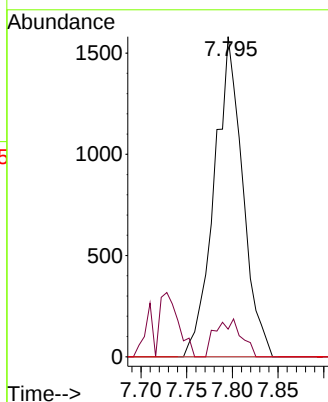
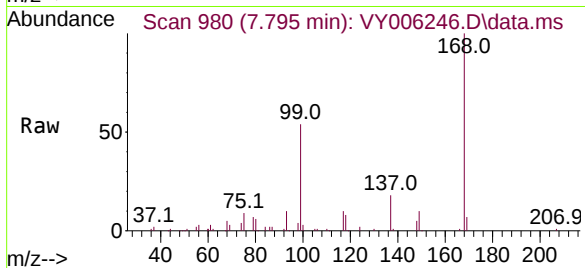
Delta R.T. -0.128 min

Lab File: VY006246.D

Acq: 30 Sep 2021 17:38

Tgt Ion:	75	Resp:	3426
Ion	Ratio	Lower	Upper
75	100		
110	10.7	17.1	51.2#
77	0.0	24.4	36.6#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.672 ug/l

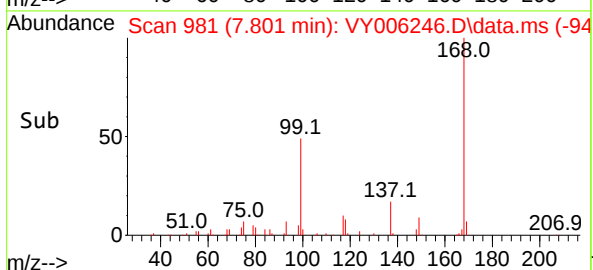
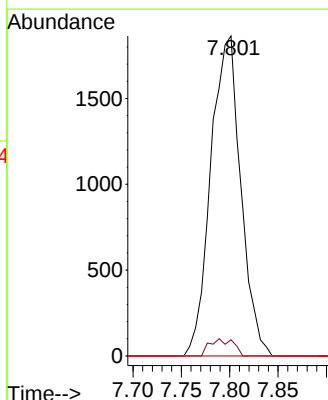
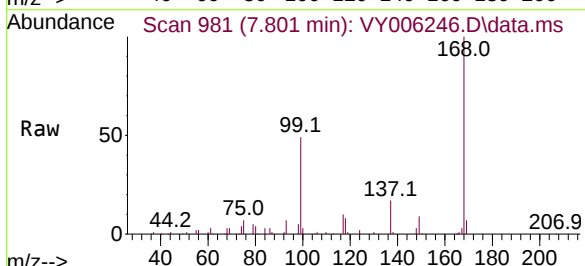
RT: 7.801 min Scan# 981

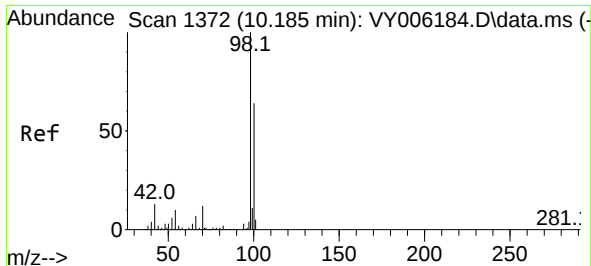
Delta R.T. -0.103 min

Lab File: VY006246.D

Acq: 30 Sep 2021 17:38

Tgt Ion:	117	Resp:	4020
Ion	Ratio	Lower	Upper
117	100		
119	5.0	77.9	116.9#
121	0.0	24.8	37.2#

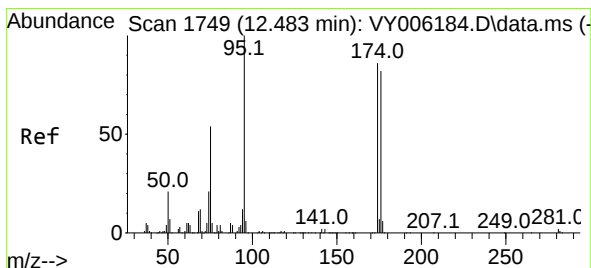
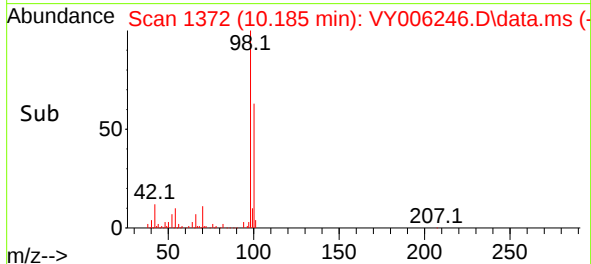
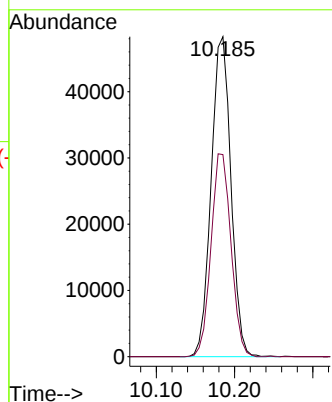
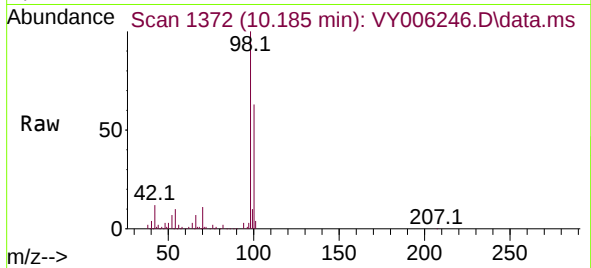




#50
Toluene-d8
Concen: 56.140 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006246.D
Acq: 30 Sep 2021 17:38

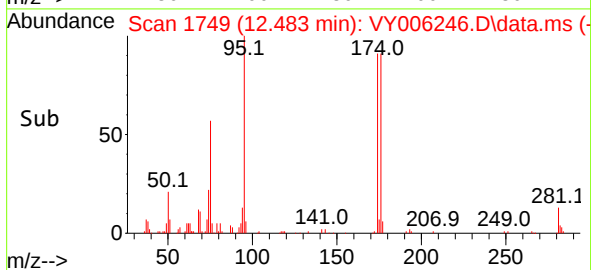
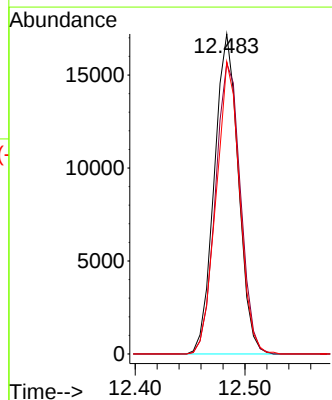
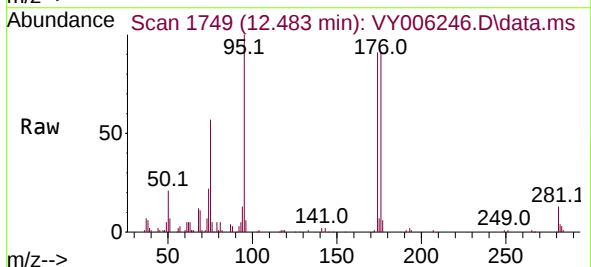
Instrument :
MSVOA_Y
ClientSampled :

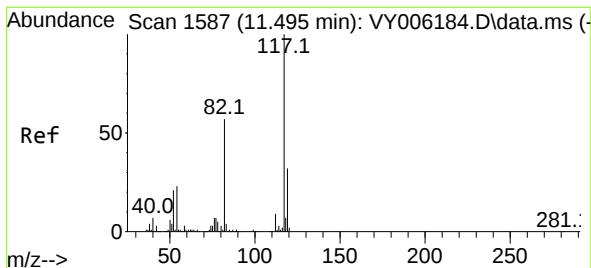
Tgt Ion: 98 Resp: 84686
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.312 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006246.D
Acq: 30 Sep 2021 17:38

Tgt Ion: 95 Resp: 26295
Ion Ratio Lower Upper
95 100
174 94.2 0.0 177.0
176 89.4 0.0 175.8

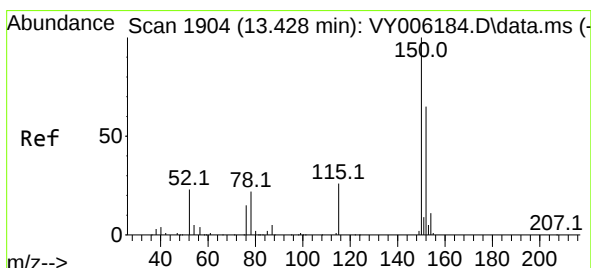
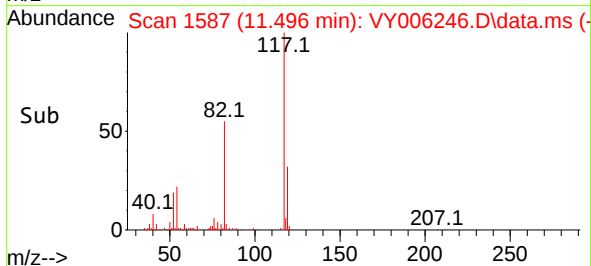
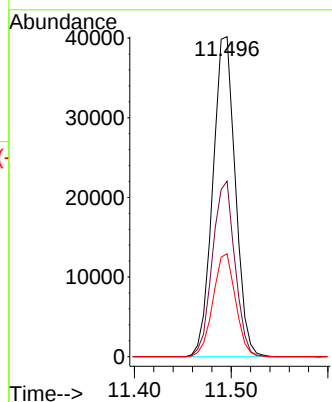
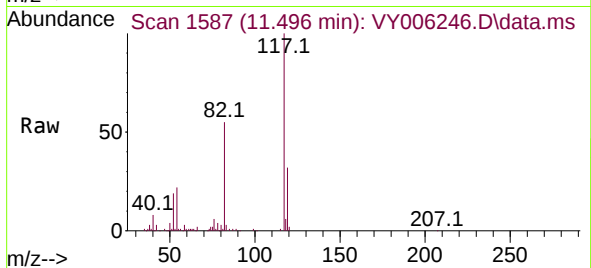




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006246.D
Acq: 30 Sep 2021 17:38

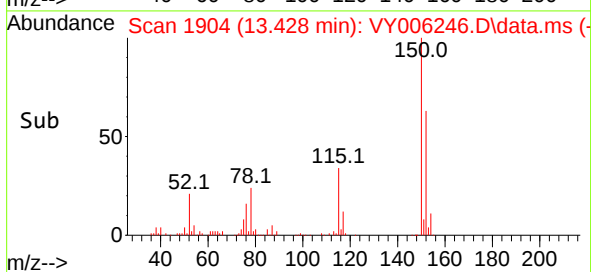
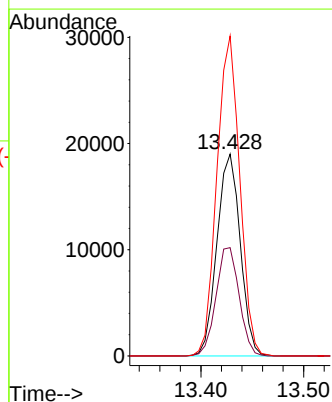
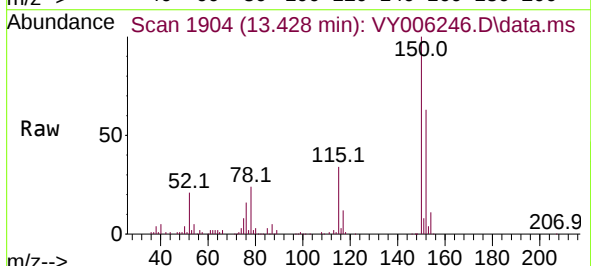
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117	Resp:	65069
Ion Ratio	Lower	Upper
117	100	
82	54.8	43.0 64.4
119	32.1	25.4 38.0

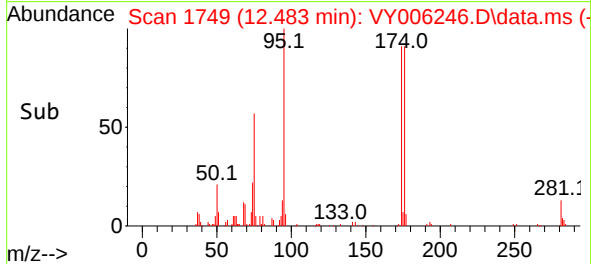
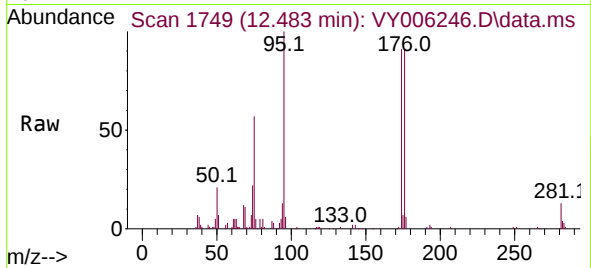
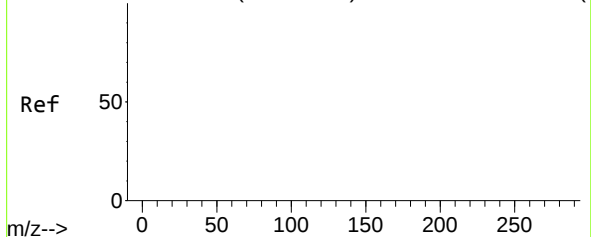


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006246.D
Acq: 30 Sep 2021 17:38

Tgt Ion:152	Resp:	29872
Ion Ratio	Lower	Upper
152	100	
115	53.5	28.2 84.7
150	155.6	0.0 347.6



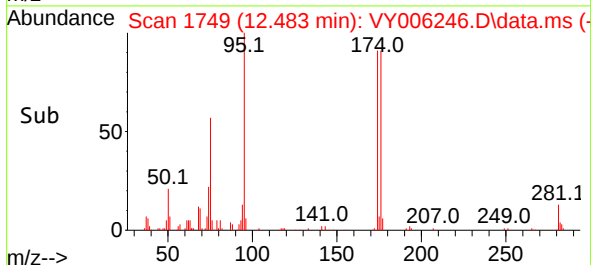
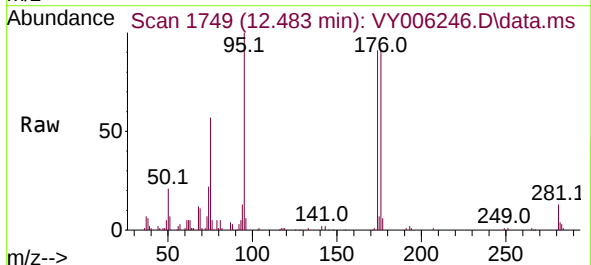
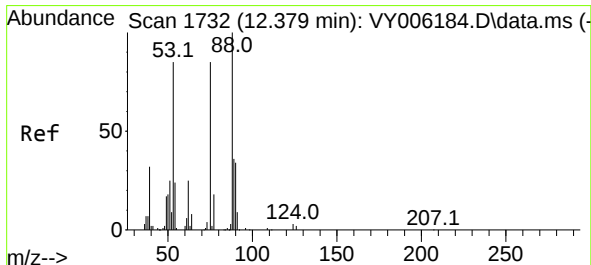
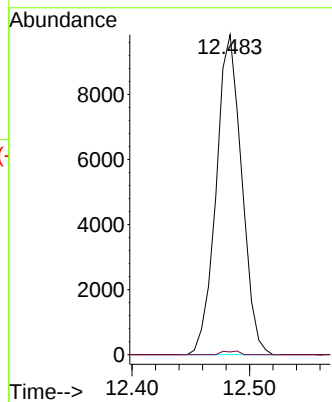
Abundance Scan 1774 (12.635 min): VY006184.D\data.ms (-



#76

1,2,3-Trichloropropane
Concen: 51.216 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006246.D
Acq: 30 Sep 2021 17:38

Tgt Ion: 75 Resp: 14870
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene
Concen: 100.646 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006246.D
Acq: 30 Sep 2021 17:38

Tgt Ion: 75 Resp: 14870
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

